

## Wire Management Bracket with ADXL345 Mount for Micro Swiss NG



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updated 5. 11. 2023 | published 5. 11. 2023

### Summary

Upgrade your Micro Swiss NG with a secure bracket for wire management and mounting an ADXL345 accelerometer.

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### Overview:

I have modified a version of the design on Thingiverse by wtxdxer which allows for the mounting of an ADXL345. The ADXL I utilized is labeled "HiLetgo GY-291 ADXL345" and can be found at this [link](#). You can use others, just be sure the mounting holes and the dimensions are similar. The board is about 20.5mm by 16.5mm with 15mm (from center) mounting holes.

## Versions Available:

- Heated Inserts Version
- M3 Screws Version

## Version Details:

- Heated Inserts Version: This version utilizes heated inserts to secure the ADXL in place. Make sure to use screws that are 4mm or 6mm long.
- M3 Screws Version: This version uses only M3 screws to attach the ADXL. Use 6mm screws for this version.

## Recommended Hardware:

- For Heated Inserts Version: 4mm or 6mm screws.
- For M3 Screws Version: 6mm M3 screws.

## Shroud Compatibility:

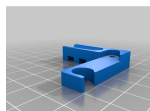
- I used a printed shroud which can be found [here](#). If you are using the shroud that comes with the Micro Swiss NG, you may need to use a 10mm to 12mm screw instead.

**Support the Creator:** If you find this model useful, consider supporting me on [BuyMeACoffee.com](https://www.buymeacoffee.com). Your support helps me continue creating and sharing designs with the community.

## Versioning:

Version	Description
v1.00	Initial Remix
v1.02	Added model with heated inserts

## This remix is based on



**Micro Swiss Direct Drive NG Cable Harness Support**

by wtxdxxr

# Model files



microswissng\_adxl345\_wire\_management\_heated\_inserts... .stl

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microswissng\_adxl345\_wire\_management\_m3\_v1.stl

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